

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/227,854

DATE: 01/20/99
TIME: 15:32:04

INPUT SET: S30840.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Ni, Jian
6 Yu, Guo-Liang
7 Alfonso, Pedro
8 Gentz, Reiner
9 Su, Jeffrey S.
10
11 (ii) TITLE OF INVENTION: Human Chemotactic Cytokine I
12
13 (iii) NUMBER OF SEQUENCES: 9
14
15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Human Genome Sciences, Inc.
17 (B) STREET: 9410 Key West Ave
18 (C) CITY: Rockville
19 (D) STATE: MD
20 (E) COUNTRY: USA
21 (F) ZIP: 20850
22
23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28
29 (vi) CURRENT APPLICATION DATA:
30 (A) APPLICATION NUMBER:
31 (B) FILING DATE:
32 (C) CLASSIFICATION:
33
34 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: US 08/761,289
36 (B) FILING DATE: 06-DEC-1996
37
38 (vii) PRIOR APPLICATION DATA:
39 (A) APPLICATION NUMBER: US 06/008,378
40 (B) FILING DATE: 08-DEC-1995
41
42 (viii) ATTORNEY/AGENT INFORMATION:
43 (A) NAME: Brookes, A. Anders
44 (B) REGISTRATION NUMBER: 36,373
45 (C) REFERENCE/DOCKET NUMBER: PF210D1
46

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/227,854DATE: 01/20/99
TIME: 15:32:05

INPUT SET: S30840.raw

47 (ix) TELECOMMUNICATION INFORMATION:
48 (A) TELEPHONE: 301-309-8504
49 (B) TELEFAX: 301-309-8439
50
51
52 (2) INFORMATION FOR SEQ ID NO:1:
53
54 (i) SEQUENCE CHARACTERISTICS:
55 (A) LENGTH: 480 base pairs
56 (B) TYPE: nucleic acid
57 (C) STRANDEDNESS: single
58 (D) TOPOLOGY: linear
59
60 (ii) MOLECULE TYPE: DNA (genomic)
61
62
63 (ix) FEATURE:
64 (A) NAME/KEY: CDS
65 (B) LOCATION: 76..351
66
67
68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
69
70 CACGAGCACC ACTGCTGGCT TTTTGCTGTA GCTCCACATT CCTGTGCATT GAGGGGTAA 60
71
72 CATTAGGCTG GGAAG ATG ACA AAA CTT GAA GAG CAT CTG GAG GGA ATT GTC 111
73 Met Thr Lys Leu Glu Glu His Leu Glu Gly Ile Val
74 1 5 10
75
76 AAT ATC TTC CAC CAA TAC TCA GTT CGG AAG GGG CAT TTT GAC ACC CTC 159
77 Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp Thr Leu
78 15 20 25
79
80 TCT AAG GGT GAG CTG AAG CAG CTG CTT ACA AAG GAG CTT GCA AAC ACC 207
81 Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala Asn Thr
82 30 35 40
83
84 ATC AAG AAT ATC AAA GAT AAA GCT GTC ATT GAT GAA ATA TTC CAA GGC 255
85 Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe Gln Gly
86 45 50 55 60
87
88 CTG GAT GCT AAT CAA GAT GAA CAG GTC GAC TTT CAA GAA TTC ATA TCC 303
89 Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe Ile Ser
90 65 70 75
91
92 CTG GTA GCC ATT GCG CTG AAG GCT GCC CAT TAC CAC ACC CAC AAA GAG 351
93 Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His Lys Glu
94 80 85 90
95
96 TAGGTAGCTC TCTGAAGGCT TTTTACCCAG CAATGTCCTC AATGGAGGGG TCTTTTCTTT 411
97
98 GCCTCACCAA AACCCAGCTT GACCCCTGGG GGGAGTTAAG AGTTAATAAC CACACTTACG 471
99

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/227,854DATE: 01/20/99
TIME: 15:32:06INPUT SET: S30840.raw
480

100 GAAAGTTCT

101

102

103 (2) INFORMATION FOR SEQ ID NO:2:

104

105 (i) SEQUENCE CHARACTERISTICS:

106 (A) LENGTH: 92 amino acids

107 (B) TYPE: amino acid

108 (D) TOPOLOGY: linear

109

110 (ii) MOLECULE TYPE: protein

111

112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

113

114 Met Thr Lys Leu Glu Glu His Leu Glu Gly Ile Val Asn Ile Phe His

115 1 5 10 15

116

117 Gln Tyr Ser Val Arg Lys Gly His Phe Asp Thr Leu Ser Lys Gly Glu

118 20 25 30

119

120 Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala Asn Thr Ile Lys Asn Ile

121 35 40 45

122

123 Lys Asp Lys Ala Val Ile Asp Glu Ile Phe Gln Gly Leu Asp Ala Asn

124 50 55 60

125

126 Gln Asp Glu Gln Val Asp Phe Gln Glu Phe Ile Ser Leu Val Ala Ile

127 65 70 75 80

128

129 Ala Leu Lys Ala Ala His Tyr His Thr His Lys Glu

130 85 90

131

132 (2) INFORMATION FOR SEQ ID NO:3:

133

134 (i) SEQUENCE CHARACTERISTICS:

135 (A) LENGTH: 22 base pairs

136 (B) TYPE: nucleic acid

137 (C) STRANDEDNESS: single

138 (D) TOPOLOGY: linear

139

140 (ii) MOLECULE TYPE: DNA (genomic)

141

142

143

144

145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

146

147 CGCGGATCCA TGACAAAAC TG

22

148

149 (2) INFORMATION FOR SEQ ID NO:4:

150

151 (i) SEQUENCE CHARACTERISTICS:

152 (A) LENGTH: 28 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/227,854DATE: 01/20/99
TIME: 15:32:07

INPUT SET: S30840.raw

153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: single
155 (D) TOPOLOGY: linear
156
157 (ii) MOLECULE TYPE: DNA (genomic)
158
159
160
161
162 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
163
164 CGCGGATCCC TACTCTTTGT GGGTGTGG 28
165
166 (2) INFORMATION FOR SEQ ID NO:5:
167
168 (i) SEQUENCE CHARACTERISTICS:
169 (A) LENGTH: 31 base pairs
170 (B) TYPE: nucleic acid
171 (C) STRANDEDNESS: single
172 (D) TOPOLOGY: linear
173
174 (ii) MOLECULE TYPE: DNA (genomic)
175
176
177
178
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
180
181 GCGCGGATCC ACCATGACAA AACTTGAAGA G 31
182
183 (2) INFORMATION FOR SEQ ID NO:6:
184
185 (i) SEQUENCE CHARACTERISTICS:
186 (A) LENGTH: 55 base pairs
187 (B) TYPE: nucleic acid
188 (C) STRANDEDNESS: single
189 (D) TOPOLOGY: linear
190
191 (ii) MOLECULE TYPE: DNA (genomic)
192
193
194
195
196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
197
198 GCGCTCTAGA TCAAGCGTAG TCTGGGACGT CGTATGGGTA CTCTTTGTGG GTGTG 55
199
200 (2) INFORMATION FOR SEQ ID NO:7:
201
202 (i) SEQUENCE CHARACTERISTICS:
203 (A) LENGTH: 29 base pairs
204 (B) TYPE: nucleic acid
205 (C) STRANDEDNESS: single

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/227,854DATE: 01/20/99
TIME: 15:32:07

INPUT SET: S30840.raw

206 (D) TOPOLOGY: linear
207
208 (ii) MOLECULE TYPE: DNA (genomic)
209
210
211
212
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
214
215 CGCGGATCCC ACAAACCTTG AAGAGCATC 29
216
217 (2) INFORMATION FOR SEQ ID NO:8:
218
219 (i) SEQUENCE CHARACTERISTICS:
220 (A) LENGTH: 28 base pairs
221 (B) TYPE: nucleic acid
222 (C) STRANDEDNESS: single
223 (D) TOPOLOGY: linear
224
225 (ii) MOLECULE TYPE: DNA (genomic)
226
227
228
229
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
231
232 CGCGGATCCC TACTCTTTGT GGGTGTGG 28
233
234 (2) INFORMATION FOR SEQ ID NO:9:
235
236 (i) SEQUENCE CHARACTERISTICS:
237 (A) LENGTH: 100 amino acids
238 (B) TYPE: amino acid
239 (C) STRANDEDNESS: single
240 (D) TOPOLOGY: linear
241
242 (ii) MOLECULE TYPE: protein
243
244
245
246
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
248
249 Met Thr Cys Lys Met Ser Gln Leu Glu Arg Asn Ile Glu Thr Ile Ile
250 1 5 10 15
251
252 Asn Thr Phe His Gln Tyr Ser Val Lys Leu Gly His Pro Asp Thr Leu
253 20 25 30
254
255 Asn Gln Gly Glu Phe Lys Glu Leu Val Arg Lys Asp Leu Gln Asn Phe
256 35 40 45
257
258 Leu Lys Lys Glu Asn Lys Asn Glu Lys Val Ile Glu His Ile Met Glu

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/227,854

DATE: 01/20/99
TIME: 15:32:08

INPUT SET: S30840.raw

Line

Error

Original Text